# CLAIMS

1.     A method in a server for responding to a request from a client, comprising the steps of:

receiving a request of a first type according to an interface specification from a client, there being a pre-defined set of error checks performed at said server associated with requests of said first type;

responsive to receiving said request, selectively determining whether to perform a first error check of said pre-defined set of error checks with respect to said request;

responsive to said step of selectively determining whether to perform a first error check, if said selectively determining step determines not to perform said first error check, then responding to said request without performing said first error check; and

responsive to said step of selectively determining whether to perform a first error check, if said selectively determining step determines to perform said first error check, then performing said first error check, and responding to said request based on results of said first error check.

2.     The method of claim 1, wherein said step of selectively determining whether to perform a first error check comprises selectively determining whether to perform said first error check responsive to a direction from said client.

3.     The method of claim 1, wherein said step of selectively determining whether to perform a first error check comprises the steps of:

maintaining metadata with respect to a plurality of clients of said server, said metadata including, with respect to each of said plurality of clients, at least one value; and

accessing said at least one value corresponding to the requesting client in response to receiving said request to determine whether to perform said first error check.

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4.     The method of claim 3, wherein said at least one value of said metadata indicates performance of past requests from the corresponding client, said metadata being updated automatically by said server responsive to processing requests.

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5.     The method of claim 1, wherein said step of selectively determining whether to perform a first error check comprises selectively determining whether to perform said first error check with respect to at least some clients responsive to current workload of said server.

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6.     The method of claim 1, wherein said step of selectively determining whether to perform a first error check comprises selectively determining whether to perform said first error check with respect to at least some clients responsive to a random or distributed indicator.

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7.     The method of claim 1, wherein said interface specification comprises a Java Database Connectivity (JDBC) API.

1      8.     A server program product for responding to a request from a client, said server

2      program product comprising a plurality of processor-executable instructions recorded on

3      signal-bearing media, wherein said instructions, when executed by at least one central

4      processor of a server computer system, cause the system to perform the steps of:

5      receiving a request of a first type according to an interface specification from a

6      client, there being a pre-defined set of error checks performed at said server computer

7      system associated with requests of said first type;

8      responsive to receiving said request, selectively determining whether to perform a

9      first error check of said pre-defined set of error checks with respect to said request;

10      responsive to said step of selectively determining whether to perform a first error

11      check, if said selectively determining step determines not to perform said first error

12      check, then responding to said request without performing said first error check; and

13      responsive to said step of selectively determining whether to perform a first error

14      check, if said selectively determining step determines to perform said first error check,

15      then performing said first error check, and responding to said request based on results of

16      said first error check.


1      9.     The server program product of claim 8, wherein said step of selectively

2      determining whether to perform a first error check comprises selectively determining

3      whether to perform said first error check responsive to a direction from said client.


1      10.     The server program product of claim 8, wherein said step of selectively

2      determining whether to perform a first error check comprises the steps of:

3      maintaining metadata with respect to a plurality of clients of said server computer

4      system, said metadata including, with respect to each of said plurality of clients, at least

5      one value; and

6      accessing said at least one value corresponding to the requesting client in response

7      to receiving said request to determine whether to perform said first error check.

1  11. The server program product of claim 8, wherein said step of selectively

2  determining whether to perform a first error check comprises selectively determining

3  whether to perform said first error check with respect to at least some clients responsive

4  to current workload of said server computer system.


1  12. A computer system, comprising:

2    a client interface for receiving and responding to requests from a plurality of

3 clients;

4    a memory;

5    at least one programmable processor coupled to said memory and said interface;

6    a server application resident in said memory and which executes on said at least

7 one programmable processor, said server application responding to client requests using

8 data available to said computer system, said server application selectively determining,

9 with respect to said requests, whether to perform at least one error check of a pre-defined

10 set of error checks associated with said requests,

11   (a) wherein, with respect to requests for which said server application determines

12   not to perform said first error check, said server application responds to the

13   requests without performing said at least one error check, and

14   (b) wherein, with respect to requests for which said server application determines

15   to perform said first error check, said server application responds to the requests

16   based on  results of said at least one error check.


1  13. The computer system of claim 12, wherein said client interface receives and

2  responds to requests via the Internet.

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14. The computer system of claim 12, wherein said system receives and responds to requests of a plurality of types, each type of request having a corresponding associated set error checks, and wherein said server application selectively determines, with respect to a plurality of types of requests, whether to perform at least one error check of a set of error checks corresponding to the type of request.

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15. The computer system of claim 12, wherein said requests conform to a Java Database Connectivity (JDBC) API.

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16. The computer system of claim 12, wherein said server application selectively determines whether to perform at least one error check responsive to a direction from a requesting client.

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17. The computer system of claim 12, further comprising:
metadata with respect to a plurality of clients of said server, said metadata including, with respect to each of said plurality of clients, at least one value, wherein said server application accesses said at least one value corresponding to a requesting client in response to receiving a request to determine whether to perform said at least one error check.

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18. The computer system of claim 17, wherein said at least one value of said metadata indicates performance of past requests from the corresponding client, said metadata being updated automatically by said computer system responsive to processing requests.

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19. The computer system of claim 12, wherein said server application selectively determines whether to perform at least one error check with respect to at least some clients responsive to current workload of said server.

1      20.    The computer system of claim 12, wherein said server application selectively

2    determines whether to perform at least one error check with respect to at least some

3    clients responsive to a random or distributed indicator.